# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 23 Aug 2021 until 23:59 on Tuesday 24 Aug 2021

Forecast Issued on Sunday 22 Aug 2021 at 14:14

**Confidence:** High for the much more settled conditions over the next few days. Lower for cloud amounts and heights.

**Headline for Monday 23 Aug 2021:** Largely dry and fine with variable amounts of cloud.

**Mountain weather hazards on Monday 23 Aug 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | | | |
|---|---|---|---|---|---|---|---|
| Time | | | | | | | |
| 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| Light rain showers (night) | Cloudy | Cloudy | Sunny intervals | Sunny | Sunny | Sunny intervals | Partly cloudy (night) |
| Precipitation probability | | | | | | | |
| 40% | 30% | 20% | 10% | <05% | <05% | <05% | <05% |

**Forecast for Monday 23 Aug 2021**

**Weather:** Low cloud moving in from the east is likely to affect higher ground through the early hours, along with a risk of some lingering light showers. By dawn most showers will have faded, leaving the rest of the day dry. A few mist or fog patches may form in the valleys first thing, but along with the low cloud will lift and break through the morning, allowing plenty of sunny spells for the afternoon.

**Chance of cloud free mountain/hill tops above 600m:** 30%, becoming 100% by mid-morning.

**Visibility:** Often poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Improving through the morning with visibility becoming good, allowing clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

# Mountain Weather Forecast

**Forecast for Monday 23 Aug 2021**

| Height (m) | Wind Speed mean/gusts (mph) | | | | | Wind Direction (blowing from) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 6/10 E | 6/10 E | 7/11 NE | 9/13 NE | 8/13 E | 8/13 E | 8/12 E | 6/12 E | 4/8 NE |
| **300** | 5/10 NE | 4/10 NE | 5/11 NE | 7/12 NE | 6/12 NE | 7/13 NE | 6/12 E | 4/11 NE | 3/8 NE |
| **Valley** | 3/6 E | 3/6 E | 4/8 E | 4/9 E | 4/9 E | 4/8 NE | 4/9 E | 5/9 E | 3/6 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 00:00 | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/11 | 11/10 | 11/9 | 12/11 | 14/13 | 16/14 | 14/13 | 12/11 | 10/10 |
| **300** | 14/14 | 13/12 | 13/12 | 15/15 | 18/17 | 19/18 | 17/16 | 13/13 | 12/11 |
| **Valley** | 15/16 | 14/14 | 14/14 | 17/17 | 20/19 | 21/21 | 19/19 | 15/15 | 13/13 |
| **Freezing Level*** | 3000m | 2900m | 2900m | 3000m | 2900m | 3000m | 3000m | 3000m | 2900m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Although the day is likely to start quite cloudy with tricky navigation conditions, this will change through the morning with strong sunshine developing allowing UV levels to increase.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 14:00 on Sun 22 Aug 2021 | 13.6mm | 15.8mm | 17.2mm |

**Forecast for Tuesday 24 Aug 2021**

**Weather:** Low cloud may once again move in from the east overnight, to give some hill fog during the early hours. This will lift above the tops by mid-morning, allowing another dry and fine day with some sunny spells for the afternoon. Sunshine may be slightly more limited than on Monday.

**Maximum wind:** Northeasterly 5-10mph.

**Chance of cloud free mountain/hill tops above 600m:** 30%, becoming 100% by mid-morning.

**Visibility:** Often poor or very poor first thing, especially at higher levels, with nearby landmarks often obscured. Generally good at lower levels however. Improving at all levels through the morning with visibility becoming good, allowing clear views of distant hills.

**Temperature:** **Valleys:** Plus 8C becoming plus 18C
**At 600m:** Plus 12C
**Freezing level:** Above the hilltops

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved